

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/510,667
Source: P4/10
Date Processed by STIC: 8/22/05

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/510,667

DATE: 08/22/2005

TIME: 14:12:33

Input Set : E:\ISIS5582.ST25.txt

Output Set: N:\CRF4\08222005\J510667.raw

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3 <110> APPLICANT: Ravikumar, Vasulinga
4   Prakash, Thazha P.
5   Bhat, Balkrishen
7 <120> TITLE OF INVENTION: OLIGOMERIC COMPOUNDS HAVING MODIFIED PHOSPHATE GROUPS
9 <130> FILE REFERENCE: ISIS-5582
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/510,667
C--> 11 <141> CURRENT FILING DATE: 2004-10-07
11 <150> PRIOR APPLICATION NUMBER: PCT/US03/10840
12 <151> PRIOR FILING DATE: 2003-04-09
14 <150> PRIOR APPLICATION NUMBER: US 10/119,432
15 <151> PRIOR FILING DATE: 2002-04-09
17 <160> NUMBER OF SEQ ID NOS: 66
19 <170> SOFTWARE: PatentIn version 3.3
21 <210> SEQ ID NO: 1
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24 <213> ORGANISM: Artificial
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27 <223> OTHER INFORMATION: Synthetic Construct
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54 <213> ORGANISM: Artificial
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59 <400> SEQUENCE: 3
60 cgggttcgac cgtaggcagt                                20
63 <210> SEQ ID NO: 4
64 <211> LENGTH: 20

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Input Set : E:\ISIS5582.ST25.txt

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65 <212> TYPE: RNA
66 <213> ORGANISM: Artificial
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Oligonucleotide
72 <220> FEATURE:
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77 <220> FEATURE:
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79 <222> LOCATION: (1)..(20)
80 <223> OTHER INFORMATION: PO
82 <220> FEATURE:
83 <221> NAME/KEY: misc_feature
84 <222> LOCATION: (4)..(4)
85 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroguanosine
87 <220> FEATURE:
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89 <222> LOCATION: (5)..(5)
90 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
92 <220> FEATURE:
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94 <222> LOCATION: (6)..(6)
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102 <220> FEATURE:
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105 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorocytidine
107 <220> FEATURE:
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109 <222> LOCATION: (9)..(9)
110 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
112 <220> FEATURE:
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115 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroguanosine
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120 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
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123 <221> NAME/KEY: misc_feature
124 <222> LOCATION: (13)..(14)
125 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorocytidine
127 <220> FEATURE:

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Input Set : E:\ISIS5582.ST25.txt

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130 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
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145 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
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154 <213> ORGANISM: Artificial
156 <220> FEATURE:
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167 <222> LOCATION: (1)..(20)
168 <223> OTHER INFORMATION: PO
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (4)..(4)
173 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorocytidine
175 <220> FEATURE:
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177 <222> LOCATION: (5)..(5)
178 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroadenosine
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188 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroadenosine
190 <220> FEATURE:
191 <221> NAME/KEY: misc_feature

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Input Set : E:\ISIS5582.ST25.txt

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192 <222> LOCATION: (8)..(8)
193 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroguanosine
195 <220> FEATURE:
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197 <222> LOCATION: (9)..(9)
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200 <220> FEATURE:
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202 <222> LOCATION: (10)..(11)
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206 <221> NAME/KEY: misc_feature
207 <222> LOCATION: (12)..(12)
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210 <220> FEATURE:
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212 <222> LOCATION: (13)..(14)
213 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroguanosine
215 <220> FEATURE:
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217 <222> LOCATION: (15)..(16)
218 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroadenosine
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222 <222> LOCATION: (17)..(17)
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241 <212> TYPE: RNA
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248 <220> FEATURE:
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251 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
253 <220> FEATURE:
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255 <222> LOCATION: (1)..(20)

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RAW SEQUENCE LISTING

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Input Set : E:\ISIS5582.ST25.txt

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256 <223> OTHER INFORMATION: PS
258 <220> FEATURE:
259 <221> NAME/KEY: misc_feature
260 <222> LOCATION: (4)..(4)
261 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroguanosine
263 <220> FEATURE:
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265 <222> LOCATION: (5)..(5)
266 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
268 <220> FEATURE:
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270 <222> LOCATION: (6)..(6)
271 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorocytidine
273 <220> FEATURE:
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275 <222> LOCATION: (7)..(7)
276 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
278 <220> FEATURE:
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280 <222> LOCATION: (8)..(8)
281 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorocytidine
283 <220> FEATURE:
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285 <222> LOCATION: (9)..(9)
286 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
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290 <222> LOCATION: (10)..(11)
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300 <222> LOCATION: (13)..(14)
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303 <220> FEATURE:
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306 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorouridine
308 <220> FEATURE:
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311 <223> OTHER INFORMATION: 2'-deoxy-2'-fluoroadenosine
313 <220> FEATURE:
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316 <223> OTHER INFORMATION: 2'-deoxy-2'-fluorocytidine

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/510,667

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Input Set : E:\ISIS5582.ST25.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51

Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66

VERIFICATION SUMMARY

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Input Set : E:\ISIS5582.ST25.txt

Output Set: N:\CRF4\08222005\J510667.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date